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**OCT 21 2005**

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**FACSIMILE COVER SHEET**

DATE: OCTOBER 21, 2005

NUMBER OF PAGES (INCLUDING  
THIS TRANSMITTAL COVER SHEET): 11

TIME:

OUR REFERENCE: 223591

FROM: Christopher T. Griffith, Reg. No. 33,392

TELEPHONE: (312) 616-5600

TO: MAIL STOP AMENDMENT  
COMMISSIONER FOR PATENTS  
U.S. PATENT AND TRADEMARK OFFICE  
P.O. Box 1450  
Alexandria, VA 22313-1450

TELEPHONE NUMBER:

FACSIMILE NUMBER: 571-273-8300

IN RE APPLN. OF: ANDRIESSEN  
APPLICATION NO. 10/630,492  
FILED: 07/30/03  
FOR: POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY  
SENSITIZED WITH METAL OXIDE  
GROUP ART UNIT: 2811  
EXAMINER: LING X. XU

ATTACHED:  
AMENDMENT TRANSMITTAL ( 1 PAGE IN DUPLICATE )  
REPLY TO OFFICE ACTION ( 8 PAGES )

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FORM PTO-1083

**PATENT**  
 Attorney Docket No. 223591  
 Client Reference No. GN02091  
 Date: October 21, 2005

In re Application of: ANDRIESSEN

Application No. 10/630,492

Filed: July 30, 2003

For: POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY SENSITIZED WITH METAL OXIDE

Mail Stop Amendment  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a reply to office action in the subject application.

- ☐ Small entity status is claimed for this application under 37 CFR 1.27.
- ☒ Petition for an extension of time for the period noted below, as well as for any additional period necessary to render the present submission timely. Please charge Deposit Account No. 12-1216 for the appropriate petition fee.
- ☐ Other:
- ☒ Please charge Deposit Account No. 12-1216 in the total amount indicated below. A duplicate copy of this transmittal sheet is enclosed herewith.

					SMALL ENTITY		OTHER THAN A SMALL ENTITY	
TIME EXTENSION PETITION FEE			none		\$ 0.00		\$ 0.00	
subtract time extension fee previously paid			none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
TOTAL	31	MINUS	31	= 0	x 25 =	\$0.00	x 50 =	\$0.00
INDEPENDENT	6	MINUS	6	= 0	x 100 =	\$0.00	x 200 =	\$0.00
<input type="checkbox"/>	FIRST PRESENTATION OF MULTIPLE CLAIM				+ 180 =	\$0.00	+ 360 =	\$0.00
TOTAL AMOUNT TO BE CHARGED TO DEPOSIT ACCOUNT					TOTAL	\$0.00	TOTAL	\$0.00

- ☒ The Commissioner is hereby authorized to charge any deficiencies in the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-1216.
- ☒ Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- ☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,  
 LEYDIG, VOIT & MAYER, LTD.

Leydig, Voit & Mayer, Ltd.  
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By

  
 Christopher T. Griffin, Reg. No. 33392

Amendment or ROA Transmittal (Revised 5/9/05)

FORM PTO-1083

**PATENT**

Attorney Docket No. 223591

Client Reference No. GN02091

Date: October 21, 2005

In re Application of: ANDRIESSEN

Application No. 10/630,492

Filed: July 30, 2003

For: POROUS METAL OXIDE SEMICONDUCTOR SPECTRALLY SENSITIZED WITH METAL OXIDE

Mail Stop Amendment

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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subtract time extension fee previously paid			none		(\$ 0.00)		(\$ 0.00)	
CLAIM FEE	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	EXTRA CLAIMS PRESENT	RATE	ADD'L CLAIM FEE	RATE	ADD'L CLAIM FEE
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LEYDIG VOIT & MAYER, LTD.

By

Christopher T. Griffin, Reg. No. 33392

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Amendment or ROA Transmittal (Revised 5/9/05)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application No. 10/630,492

Applicant: ANDRIESSEN

Filed: July 30, 2003

TC/AU: 2811

Examiner: Ling X. Xu

Docket No.: 223591 (Client Reference No. GN 02091 OCONNANOSSENS-2)

Customer No.: 23460

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

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OCT 21 2005


## REPLY TO OFFICE ACTION

Sir:

In reply to the Office Action dated October 4, 2005, please enter the following amendments and consider the following remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 7 of this paper.

MAILING/TRANSMISSION CERTIFICATE UNDER 37 CFR 1.8 OR 1.10			
I hereby certify that this document and all accompanying documents are, on the date indicated below, being <input type="checkbox"/> deposited with the U.S. Postal Service using "Express Mail" service in an envelope addressed in the same manner indicated on this document with Express Mail Label Number <input type="checkbox"/> deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed in the same manner indicated on this document, or <input checked="" type="checkbox"/> facsimile transmitted to the U.S. Patent and Trademark Office at fax number: (571) 273-8300.			
Name (Print/Type)	Cecilia Mateo		
Signature		Date	October 21, 2005